MEMORY PLUS
DISTRIBUTORS INC.
VOL II

*Serving Apple Users
Since 1983*

505 South 48th Street, Suite #104
Tempe, Arizona 85281
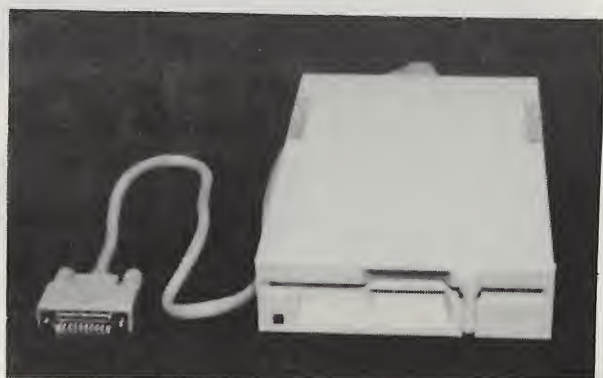
(602) 820-8819
(602) 830-6457

FAX (602) 968-3211

PAGE#	DESCRIPTION	RETAIL
1.	NPH DISK DRIVE (Specify Model)	$ 79.00
2.	800K DRIVE (3 1/2 INCH)	$179.00
3.	UNIDISK CONTROLLER	$ 79.00
4.	DISK CONTROLLER	$ 34.95
5.	CPM / Z80 CARD	$ 34.95
6.	POWER SUPPLY	$ 49.00
7.	GRAPHICS PRINTER CARD	$ 44.95
8.	SSB-1 SUPER SERIAL BOARD	$ 48.95
9.	80 COLUMN CARD	$ 48.95
10.	16K RAM CARD	$ 34.95
11.	128K RAM CARD	$ 64.95
12.	EXTENDED 80 COLUMN CARD W/64K (IIe)	$ 38.95
13.	CHECKMATE QCARD (TM)	$ 75.00 PLUS
14.	SUPER EXPANDER IIe	$ 52.50 PLUS
15.	CHECKMATE MULTIRAM IIe	$ 88.50 PLUS
16.	CHECKMATE MULTIRAM RGB	$121.00 PLUS
17.	CHECKMATE MULTIRAM PLUS	$150.00 PLUS
18.	CHECKMATE MULTIRAM CX	$105.00 PLUS
18.	CHECKMATE MULTIRAM CX PLUS	$315.00
19.	SUPER EXPANDER GS	$ 52.50
20.	CHECKMATE MultiRam (tm) GS	$117.50 PLUS
21.	CHECKMATE GS MEMORYSAVER	$109.00

PAGE#	DESCRIPTION		RETAIL
22.	NUMERIC KEYPAD		$ 34.95
23.	SUPER COOLING FAN		$ 26.95
24.	GS SUPER COOLER		$ 19.95
25.	SUPER JOYSTICK		$ 24.95
26.	MACHINE GUN JOYSTICK		$ 15.00
27.	APPLE IIe REPLACEMENT KEYBOARD		$ 55.00
28.	RF MODULATOR		$ 15.95
29.	QUADPORT		$ 5.00
29.	EXTERNAL PORT		$ 3.00
30.	LASER 128 EX		$445.00
31.	MINI AB SWITCH BOXES		$ 24.95
32.	HEAD CLEANING KIT (Specify Model)		$ 4.00
33.	DISKETTE FILES:		
	CT3050	3 1/2 INCH (50)	$ 6.95
	CT3100	3 1/2 INCH (100)	$ 8.95
	CT5070	5 1/4 INCH (70)	$ 6.95
	CT5100	5 1/4 INCH (100)	$ 8.95
	CT5120	5 1/4 INCH (120)	$ 10.95
33.	CABLES ALL		$ 9.95
34.	DISK DOUBLER		$ 4.50
35.	PROTERM 2.0		$ 79.95

# PRICES SUBJECT TO CHANGE WITHOUT NOTICE !

NPH DISK DRIVE
FOR APPLE II, II+, & IIe
APPLE IIC - IIgs
LASER 128
APPLE IIe UNIDISK

These disk drives are 100% Apple Compatible. Both have a direct drive motor with speed control. Drives are super quite. Please specify correct model when ordering. 1 year warranty

800K DRIVE (3 1/2 INCH)

Now you can add 800k of Apple compatible storage to your Apple IIe or Apple II+ when connected to the Universal Disk Controller. Works with AppleWorks enabling you to get more and bigger files on to 1 diskette. Plugs directly into the Laser 128EX. This drive will also work directly on Mac SE, +, 512.
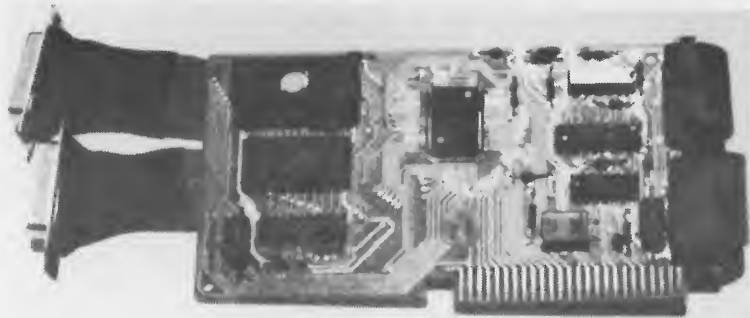
UNIDISK CONTROLLER

This remarkable interface card allows you to connect either two 3 1/2 drives or two 5 1/4 drives or one of each to your Apple IIe or II+. The Controller fits in any slot. Comes complete with all necessary adapter cables. Also included is a free copy II Plus program. (Note: the Universal Disk Controller isn't necessary with the Laser 128EX - it's already built in.)

DISK CONTROLLER CARD
FOR APPLE II, II+ & IIe

This disk controller card is 100% compatible with the Apple Disk II controller card. It can be used with 2 disk drives. It is compatible with both Dos 3.3 and ProDos. It comes with a Five Year Warranty.
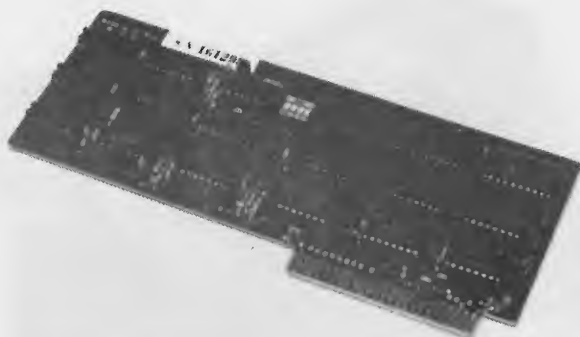
CPM / Z80 CARD
FOR APPLE II, II+ & IIe

This card is 100% compatible with the Microsoft Softcard. It use CPM version 2.23 and lower. Although this card dose not come with software it can usually be obtained through your local user's group. This card comes with a Five Year Warranty.

POWER SUPPLY
FOR APPLE II, II+, & IIe

This is a 5 amp power supply. It is a direct replacement for the Apple supply. It comes with an Apple type plug ready to plug in. This power supply comes with a 90 Day Warranty.

GRAPHICS PRINTER CARD
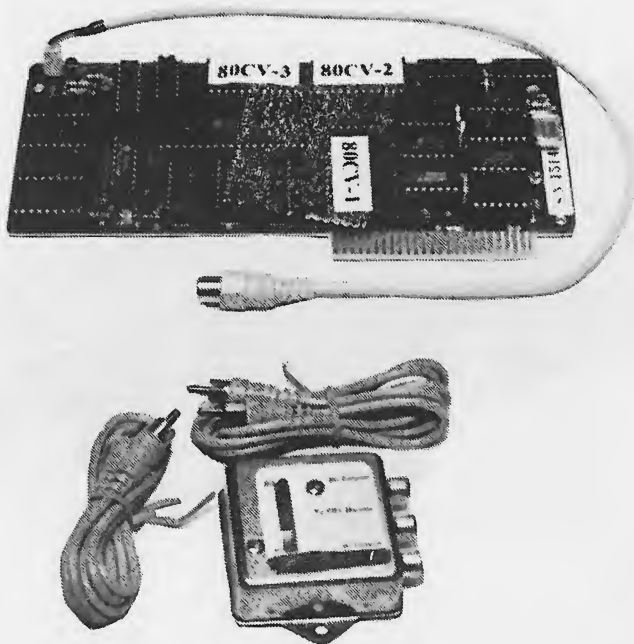## FOR THE APPLE II, II+ & IIe

This card is used to link parallel printers to your Apple computer. It has both text and graphic screen dumps. It is compatible with all Apple software.

This card comes complete with cable and manual. And comes with a Five Year Warranty.

# SSB-1 SUPER SERIAL BOARD
FOR APPLE II, II+, IIe & IIgs

Our Super Serial card is 100% compatible with the Apple Super Serial card. It can be used with either a serial printer or external modem. It comes complete with cable to bring it to the back of the computer and complete manual. It comes with a Five Year Warranty.

80 COLUMN CARD
FOR APPLE II, & II+

This card is used to produce 80 column text on the Apple II and II+ computer. It is Videx compatible and works with any program that has 80 column drivers on it. It will not make all your programs run in 80 column and some may require preboots.

This card comes with a Five Year Warranty.
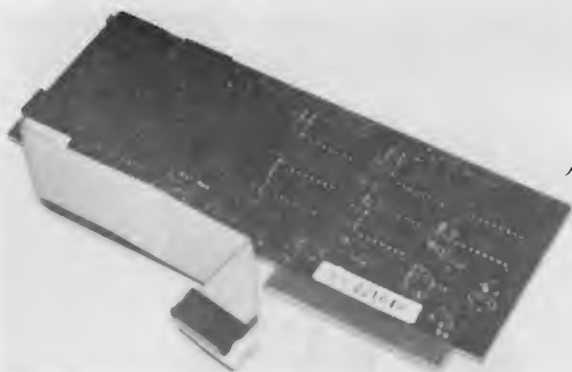
16K RAM CARD
FOR APPLE II, & II+

This card is used only in the Apple II or the Apple II+ to expand your computer from 48k to 64k. It is also referred to as a language card, because it will allow you to boot either language into it using your Dos 3.3 systems disk. This card has a Five Year Warranty.
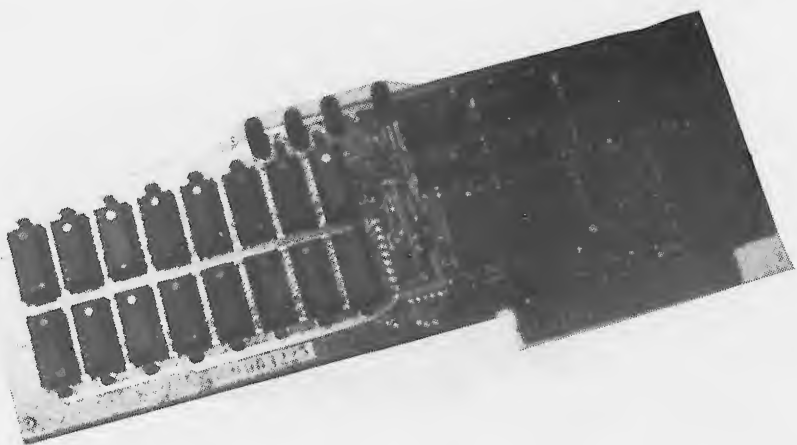
128K RAM CARD
FOR APPLE II, & II+

This card is used to add additional memory to your computer for use with spreadsheets. It can also be used with APPLEWORKS if you have the proper preboot. It will not allow you to use Apple IIe programs that require 128k. This card comes with a Five Year Warranty.

EXTENDED 80 COLUMN CARD
FOR APPLE IIe

This card is used to expand your memory on your Apple IIe to 128k. This card is 100% compatible with all Apple software programs and also gives you double high resolution and expands the AppleWorks Desktop to 55k. This card comes with a Five Year Warranty.
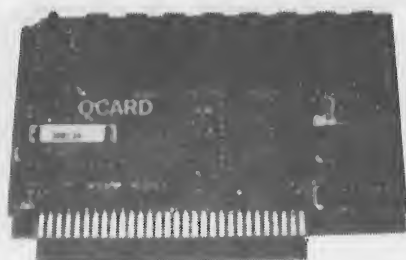
THE CHECKMATE
QCARD (TM)

Smaller is better! Get all the advantages of expanded memory for your Apple IIe at the lowest price anywhere! This card is loaded with features and offers the ultimate in expandability:

- Load AppleWorks (tm) into memory for lightning-fast speed.
- Use expanded AppleWorks (tm) to create files up to 188k in   size.
- Compatible with all popular software and hardware.
- 64k to 256k memory capacity. • AppleWorks (tm) expander, ProDos and Dos 3. 3 RAM Disk software included.
- Piggyback with the MultiRam (tm) IIe card for up to 4 Mb.
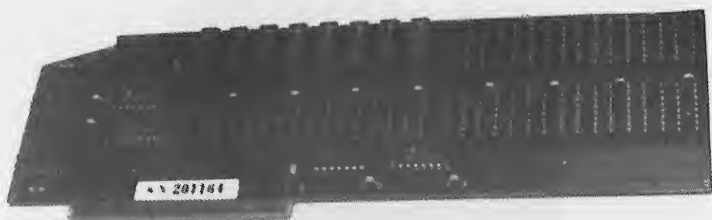
SUPER EXPANDER IIe
FOR THE APPLE IIe

This card comes with 256k of ram and can be expanded to 1 megabyte. It also comes with software to expand your AppleWorks desktop. To regular programs it looks like an extended 80 column card to your software with the same features.

This card comes with a 1 Year Warranty.

The MultiRam™ //e Card
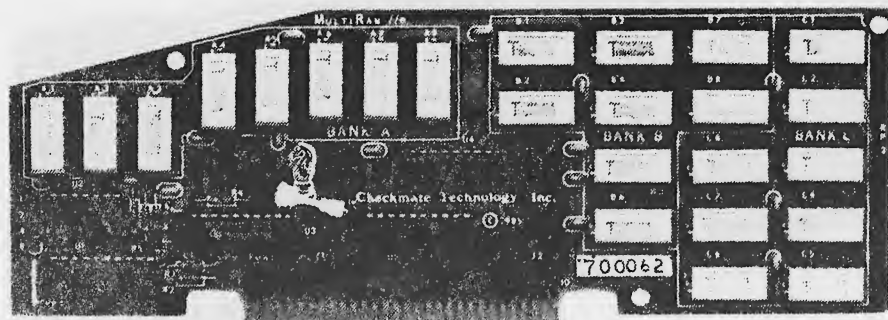
Expandable Memory With A 16 Bit Future

CHECKMATE MULTIRAM IIe FOR APPLE IIe

MULTIRAM (TM) IIe:

Ensure a long and productive life for your Apple IIe with this versatile memory card. The MultiRam (tm) IIe card is easily expandable so that you can purchase the card with as little memory as you need today and grow into more memory as your needs and budget allow.

- Expandable from 64k to 768k; supports 80 col. and double Hi-Res displays.
- Fully-compatible replacement for Apple's extended 64K 80-column card.
- Load AppleWorks (tm) into memory for lightning-fast speed.
- AppleWorks (tm) expander, ProDos and Dos 3.3 RAM Disk software included.
- No interference with slot 1.
- Piggybacks to the MultiRam RGB or QCard for more memory.
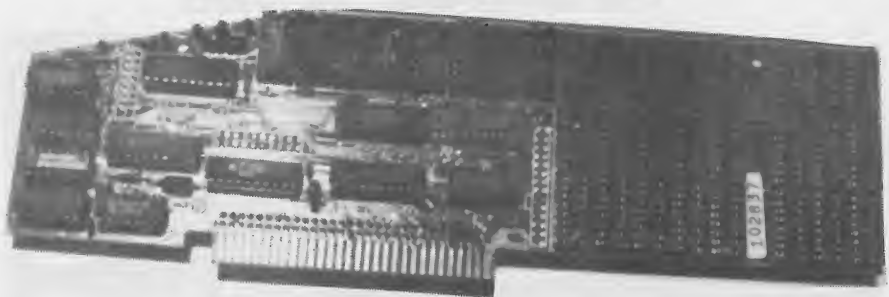
CHECKMATE MULTIRAM RGB FOR APPLE IIe

MultiRam (tm) RGB:

A full Megabyte of expanded memory plus a state-of-the-art RGB color interface! The MultiRam (tm) RGB card is an expandable, extended 80-column memory card for the Apple IIe Apple or IBM compatible RGB Video output.

- Expandable from 64K to 1024K.
- Apple-compatible RGB video circuitry built-in.
- Fully-compatible replacement for an extended 64K card.
- AppleWorks (tm) expander, ProDos and Dos 3.3 RAM Disk software included.
- No interference with slot 1.
- Piggybacks with the MultiRam Plus or MultiRam IIe cards for more memory.

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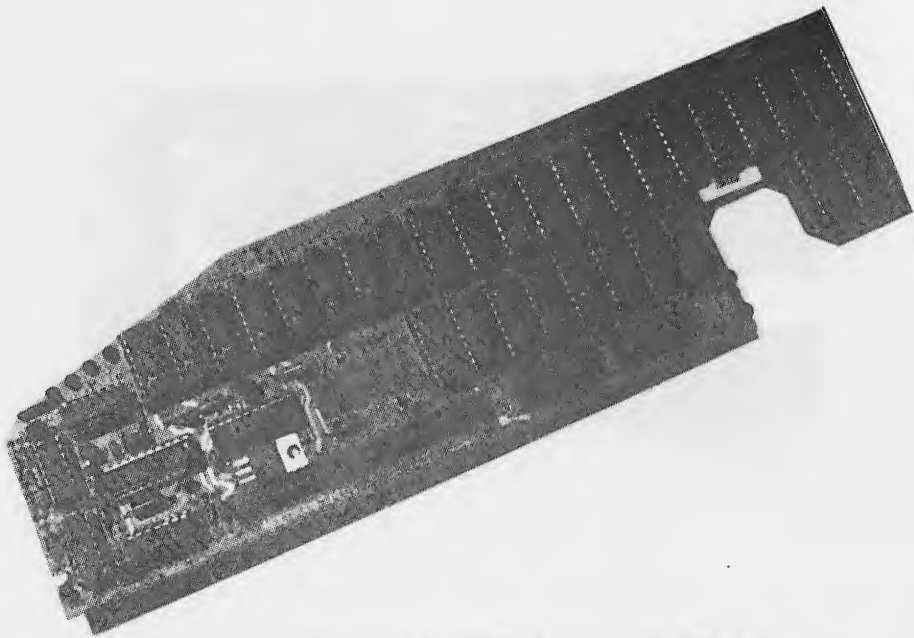
CHECKMATE MULTIRAM PLUS FOR APPLE IIe

MultiRam (tm) Plus is Apple IIe memory that's ready to work when you are! The External Power Module (optional) keeps your programs and data alive, even after you call it a day. The next time you power up, your solid-state hard drive is ready for instant access!

- Adds 256K to 4 Mb of non-volatile memory to the MultiRam (tm) RGB or to Checkmate's QCard (tm).
- Speed program operation by running applications from RAM Disk.
- Battery back-up option supplies all power for onboard RAM-eases the drain on the Apple's power supply.
- Economical non-volatile RAM option includes wall power unit, cables and battery holder for Alkaline or Ni-Cad batteries (not included).
- Built-in trickle charger for Ni-Cad's.
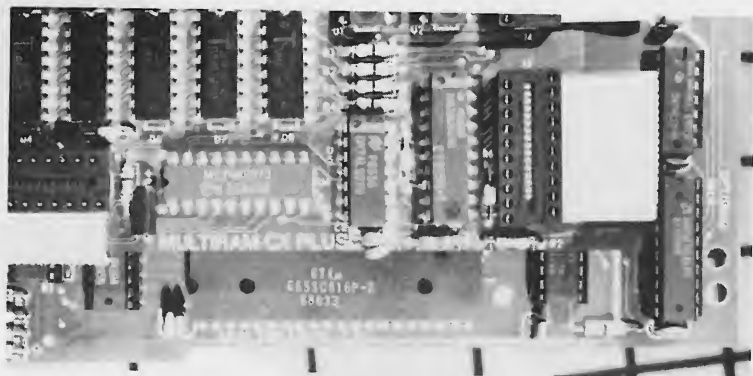
CHECKMATE MULTIRAM
# CX & CX PLUS
FOR APPLE IIc

MultiRam CX:

The MultiRam CX is an inexpensive way to add expanded memory to your Apple IIc, yet maintain expandability for the future. You may start with as little as 256K on your MultiRam CX, then increase memory as you need it.

- Load AppleWorks (tm) into memory for lightning-fast speed.
- Adds 256K to 512K to the Apple IIo.
- Low power CMOS design keeps heat and power drain to a minimum.
- Easily installed using only common household tools-detailed instructions included.
- AppleWorks (tm) expander, ProDos and Dos 3.3 RAM Disk software included.
- Optional 65C816 microprocessor upgrade allows 16-bit programming on the Apple IIo (does not provide Apple IIGS compatibility.

MultiRam CX Plus:

The MultiRam CX Plus adds an additional 512K to your machine, for a maximum of 1 Megabyte!

- Adds 512K to the MultiRam CX.
- Have a full 1152K in your Apple IIo.
- Low power CMOS design keeps heat and power drain to a minimum.
- Easily installed using only common household tools-detailed instructions included.

Page 18
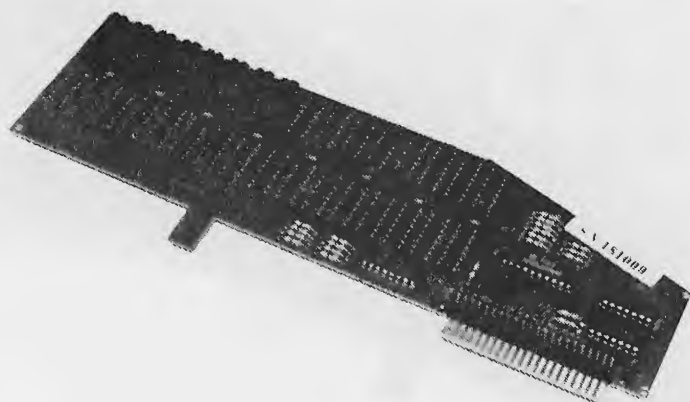
SUPER EXPANDER GS
FOR APPLE IIGS

The SUPER EXPANDER GS is used to add an, additional 256K to 1 megabyte of memory to your Apple IIGS. It is 100% compatible with all Apple software.
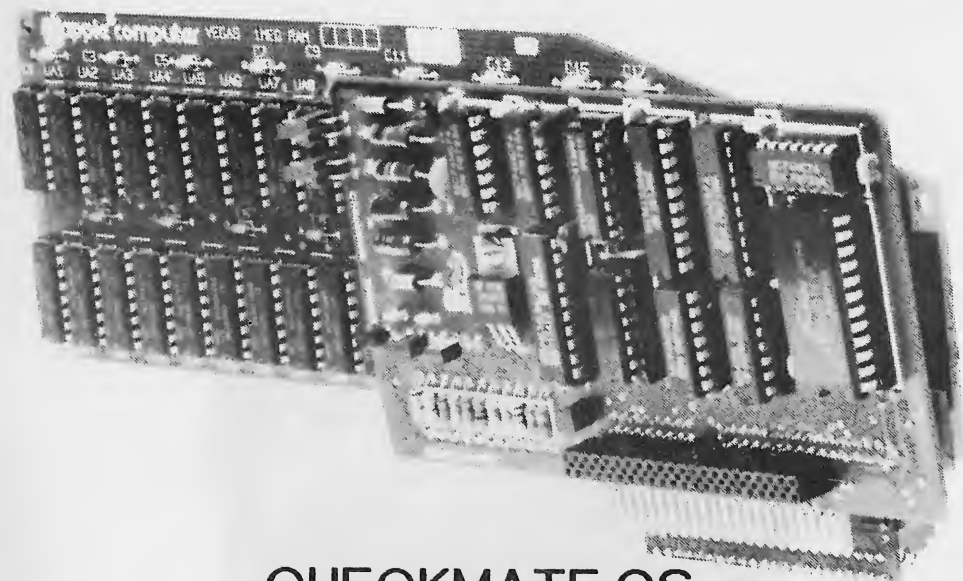
It comes with a 1 Year Warranty.
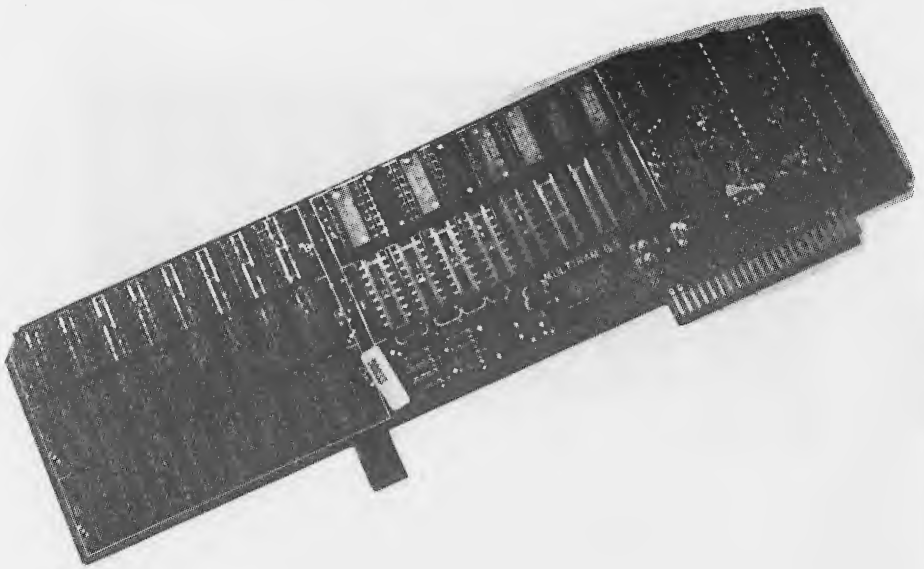
CHECKMATE
MultiRam (tm) GS
APPLE GS

- Adds up to 2 mb of memory to your Apple IIgs computer
- Compatible with all leading software
- Accelerates AppleWorks and many other programs
- Uses common 256K or 1 Mb memory chips
- Diagnostic software included
- Fully compatible with Checkmate MemorySaver
- 7 Year Warranty

CHECKMATE GS
MEMORYSAVER
FOR THE APPLE IIGS

Are you ready for a HIGH-PERFORMANCE Apple IIGS? You don't have to wait any longer. With MemorySaver and any popular memory card in your machine, you can reduce delays by more than 400%! MemorySaver converts your standard memory card into a fast, powerful ROM disk!

Look at these features:

• Includes all necessary hardware and software to support up to 8 Mb of ROM Disk, rather than just 512K like the others (you must provide memory cards).

• No special hardware or software needed to modify ROM disk.

• Use hardware you already own. Supports popular memory cards such as:

        MultiRam (tm) GS from Checkmate
        IIGS Memory Expansion Card from Apple Computer
        GSRAM (tm) from Applied Engineering
        RamPak 4GS (tm) from Orange Micro

• Supports TWO RAM cards at the same time!

• Reduces drain on your computer's power supply by supplying ALL power to the RAM cards.
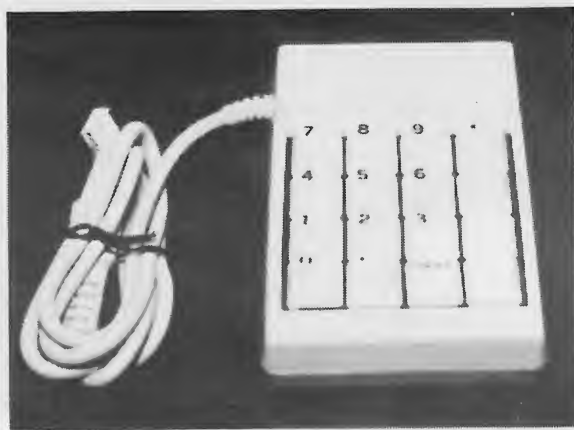
NUMERIC KEYPAD
FOR APPLE IIe

This is a 10 key, keypad that is used only on the
Apple IIe. It plugs directly into the
motherboard on the IIe. It also has the
following keys ¢ + divide and enter. This unit
comes with a 90 Day Warranty.

SUPER COOLING FAN
FOR APPLE II, II+, & IIe

This fan clips to the side of your apple and has 2 outlets on the back to hookup your monitor and your printer giving all 3 items surge control. This unit comes with a 90 Day Warranty.

GS SUPER COOLER
FOR THE APPLE IIGS

This fan plugs in on the inside of the IIgs. Unlike the fan by Apple this fan dose not cause noise interference with your system. It fits on the side of your power supply for years of operation.
This unit comes with a 1 year Warranty.

SUPER JOYSTICK
FOR APPLE IIe, IIc, & IIgs

This joystick has auto centering and free floating with 3 fire buttons one on the top of the stick. It plugs into the rear of your computer in the 9 pin game port. This joystick comes with a 90 Day Warranty.

MACHINE GUN JOYSTICK
FOR APPLE II, & II+

This joystick is used on the Apple II & II+. It plugs into the 16 pin game port. It has auto centering and 2 fire buttons.

APPLE IIe
REPLACEMENT KEYBOARD

This keyboard is a direct drop in replacement for the Apple IIe computer. It comes complete with cable and has a 90 day Warranty.

R F MODULATOR
FOR APPLE II, II+ & IIe

The R F MODULATOR allows you to hook your
computer to any color TV and enjoy all your
color graphics programs and games without the
high cost of a color monitor. This unit comes
with a 90 Day Warranty.

QUADPORT
FOR APPLE II, II+ & IIe

This unit is used not only to bring your port to the outside of your computer but to also allow you to have multiple items plugged into your game port.

EXTERNAL PORT
FOR APPLE II, II+ & IIe

This port is used to bring the 16 pin game port on the inside of the machine to the outside for easy use.

The Laser
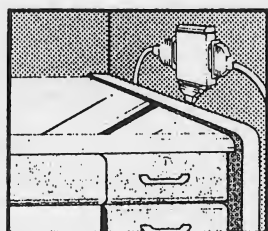128EX is 3 times
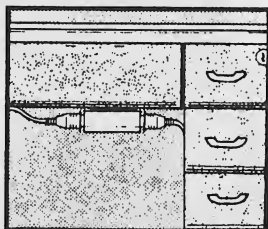faster than an Apple
IIe or IIc

LASER 128 EX

The Laser 128EX is an Apple IIe and IIc com-
patible. It comes with the best features of each
plus much more and at about half the price.
Look at these standard features:

• 128K USER MEMORY • DISK DRIVE • RGB PORT • SERIAL
PRINTER PORT • PARALLEL PRINTER PORT • MOUSE PORT
• MODEM PORT • 80 COLUMN TEXT • 1 EXPANSION SLOT •
NUMERIC KEYPAD • 3.6 MHZ ACCELERATOR • UNIVERSAL
DISK CONTROLLER • MEMORY EXPANSION BOARD
EXPANDABLE TO 1 MEG.
CALL FOR SHIPPING CHARGES!

COMPACT
AB SWITCH

MINI AB SWITCH BOXES

Serial (RS-232) or Parallel (Centronics)
Please specify when ordering.
These switch boxes can be mounted just about
anywhere. Their small size will freeup valuable
space on any computer work station.
•90 DAY WARRANTY

5.25' HEAD CLEANING KIT

This head cleaning kit is used for any 5.25' disk drive both single and double sided. It comes complete with cleaning fluid and instructions.

3.5' HEAD CLEANING KIT
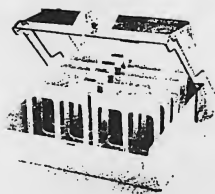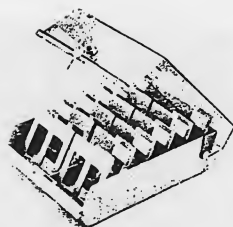
This head cleaning kit is used for any 3.5' disk drive both single and double sided. It comes complete with cleaning fluid and instructions.
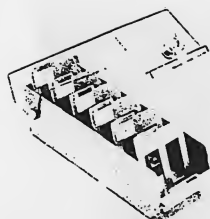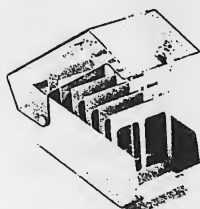
CT3050

CT5120

CT3100

CT5070
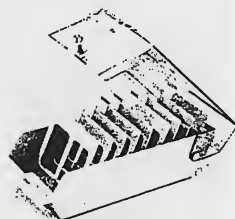
CT5100

ACCESSORIES

DISKETTE FILES
All have locks

|	
CT3050	3 1/2 Inch holds 50 disks
CT3100	3 1/2 Inch holds 100 disks
CT5070	5 1/4 Inch holds 70 disks
CT5100	5 1/4 Inch holds 100 disks
CT5120	5 1/4 Inch holds 120 disks

CABLES
- IIe to Modem cable
- IIe to Imagewriter I cable
- IIe to Imagewriter II cable
- IIc to Modem cable
- IIc to Imagewriter II cable

DISK DOUBLER

This disk notcher is used to notch out a write protect notch so that you may use the back side of your disk. It measures it for you and puts a clean square notch in it for you.
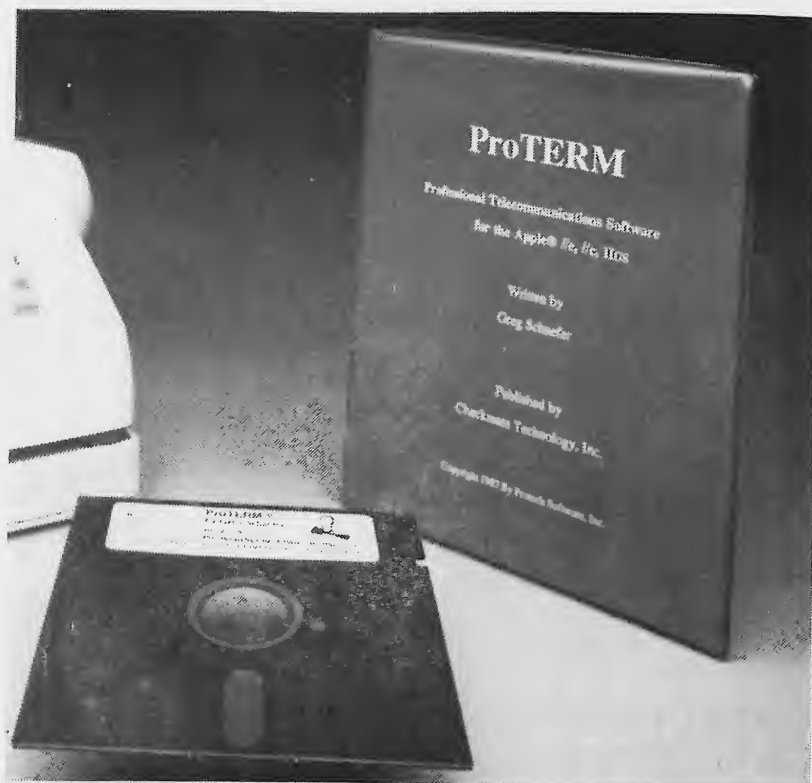
PROTERM 2.0
TELECOMMUNICATIONS
SOFTWARE

PROTERM is a professional communications software that's easy to use and packed with powerful features, like AUTOLEARN, SCROLL-BACK, BUILT-IN TEXT EDITOR which uses the APPLEWORKS command structure, just to name a few. Full VT-100 terminal emulation.

PRICES SUBJECT TO CHANGE WITHOUT
NOTICE
PLEASE CALL FOR CURRENT PRICES

VISA & MASTERCARD
NO EXTRA CHARGE

ADD $4. 00 SHIPPING ON CARDS
ADD $5. 50 SHIPPING ON DRIVES
C. O. D. ORDERS ADD $2. 50
CALL FOR SHIPPING CHARGES ON LASER
128EX

20% RESTOCKING FEE WILL BE CHARGED
ON ALL RETURNS

NO RETURNS AFTER 30 DAYS

HOURS:
MONDAY THRU FRIDAY
10AM TO 5PM
MOUNTAIN STANDARD TIME

ALL ITEMS IN THIS CATALOG SUBJECT TO AVAILABILTY AND PRICE CHANGE

ITEM	UNIT COST	EXTENDED
		S&H
	SHIPPING AND HANDLING MAY VARY FOR QUANTITY ORDERS	AZ TAX. 6.5%
		TOTAL

PLEASE TELL US YOUR COMPUTER MAKE AND MODEL BELOW

PHONE NUM:

NAME

ADDRESS

CITY   STATE   ZIP

CHECK ONE   O   MASTERCARD   O VISA

CARD NUMBER   EXPIRATION DATE

SCHOOL AND UNIVERSITY PURCHASE ORDERS ACCEPTED

Memory Plus Distributors Inc.

505 S. 48th Street, Suite 104

Tempe, Arizona 85281

(602) 820-8819